

Colony of Seychelles.



ANNUAL REPORT

ON THE

MEDICAL DEPARTMENT

FOR THE

YEAR 1921

Published by Command of His Honour the Administrator.



VICTORIA.

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SEYCHELLES

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ANNUAL REPORT
OF THE
MEDICAL DEPARTMENT
FOR THE YEAR 1921.

CHAPTER I.

Vital Statistics.

POPULATION.—The Census of the Colony was taken during the month of April and the total population was found to be 24,705 of which 12,025 were males and 12,679 females.

There were 3,066 children under 5 years in the Colony.

BIRTH RATE.—709 births were registered during the year, being 28·57 per thousand of the population, a decrease on last year when it was 29·81 per thousand.

DEATH RATE.—There were 392 deaths in the Colony during the year, being a mortality of 15·79 per thousand. Of these deaths 138 were in children under 5 years and of these 73 were under one. The high rate of mortality in young children was due to the epidemic of whooping cough.

STILL-BIRTHS.—There were 53 cases of still-births during the year.

Annexure I shows the number of arrivals and departures from the Colony and the number of births and deaths during the year.

CHAPTER II.

Meteorological Statistics.

Annexure II shows the monthly meteorological returns and number of deaths for the year.

CHAPTER III.

Diseases prevalent during the year.

WHOOPING-COUGH.—The epidemic of whooping-cough which commenced in 1920 continued during the first four months of 1921, and occasioned many deaths in young children.

INFLUENZA.—There was a minor outbreak of Influenza, the number of cases with complications was not high and the mortality therefore not heavy.

CHAPTER IV.

Vaccination.

As reported last year considerable difficulty was encountered in obtaining a reliable supply of lymph, but finally special arrangements for a cold storage during transit were made with the shipping companies and the results obtained by the lymph sent out by the Apothecaries Society are good.

CHAPTER V.

Quarantine Station.

The Quarantine Station was frequently in use but there were no outbreaks of contagious disease at the Station.

CHAPTER VI.

Leper Camp.

Additions were made to the accommodation for Lepers at Round Island. There were 7 inmates at the beginning of the year and there were 3 admissions and 3 deaths.

CHAPTER VII.

Pauper Institute.

The Fiennes Institute for the aged poor continued to afford asylum for many destitute people, the average number of the inmates was between 90 and 100.

CHAPTER VIII.

Maternity Home.

PATIENTS :—There were 242 patients admitted.

The number of babies born was 172.

There were 4 cases of twin birth.

Chloroform was given in six cases.

There was one case of puerperal Eclampsia.

CHAPTER IX.

Staff.

Dr L. V. Tebbs the A. M. O. Praslin was unfortunately obliged to be invalided to Europe and left on March 13th.

Dr J. T. Bradley returned from leave on February 23rd and took up the duties of A. M. O. Victoria, and since the departure of Dr Tebbs has visited the Praslin district fortnightly.

Miss M. G. Halkett, the Matron of the Maternity Home went on leave prior to retirement on August 3rd after 10 years valuable service ; she was replaced by Miss L. J. Hanson who arrived on September 1st.

Dr Brault filled the post of A. M. O. South Mahé throughout the year.

J. B. ADDISON,
Chief Medical Officer.

ANNEXURE I.

	Males.		Females.		Total.	
	During 1921.	After Cen- sus day.	During 1921.	After Cen- sus day.	During 1921.	After Cen- sus day.
Births	360	222	349	215	709	437
Arrival ... ... ...	... 206	... 46	... 392	... 252		
Decrease by deaths ...	201	112	191	90	392	202
Decrease by departures ...	... 264	... 41	... 305	... 182		
Net increase from Census day (24.2.22).	52	130	... 182			

Population according to Census of 24th April, 1921.—	Males : 11,974	Estimated Population on 31st Decem- ber, 1921.—	Males : 12,026
	Females : 12,549		Females 12,679
Total ... 24,523			Total ... 24,705

Birth rate during 1921 per thousand 28.57
 Death do do 15.79

AGES AT WHICH DEATH HAS OCCURRED.

Under 1 year	1 to 5 years		6 to 70 years		71 to 100 years		Over 100 years		Total	
M	F	M	F	M	F	M	F	M	F	
35	38	30	35	95	69	40	49	1	...	201
73		65		164		89		1		392

ANNEXURE II

Meteorological Returns for 1921

1921	Months	Temperature				Rainfall				Winds				Deaths per month	Remarks
		Solar Maximum	Shade Minimum	Range	Mean	Amounts in Inches	Depth of Humidity	Directions of Wind	Average force						
January	...	30.089	105.0	82.1	76.5	5.6	79.3	15.80	N.W.	8.0	61				
February	...	30.068	107.4	83.2	77.1	6.1	80.1	13.66	N.W.	7.8	41				
March	...	30.076	131.2	84.1	76.5	7.6	83.3	7.48	N.	7.0	49				
April	...	30.081	128.2	85.1	78.8	6.3	81.9	8.58	SE.	5.2	42				
May	...	30.077	117.8	85.1	77.7	7.4	81.4	7.66	SE.	8.6	21				
June	...	30.077	113.0	85.2	76.8	8.4	81.0	1.41	SE.	13.0	29				
July	...	30.093	98.1	85.3	75.1	10.2	80.2	8.90	SE.	13.6	20				
August	...	30.127	116.	81.2	75.5	5.7	78.3	1.05	SE.	16.2	20				
September	...	30.137	117.	80.6	76.3	4.3	78.4	0.26	SE.	15.9	25				
October	..	30.101	116.	81.5	76.0	5.5	78.7	2.49	SE.	8.1	34				
November	..	30.130	110.	82.7	75.5	7.2	84.1	7.86	N.W.	5.3	21				
December	...	30.078	97.	81.1	76.2	4.9	78.6	12.52	N.W.	8.2	29				

ANNEXURE III.

RETURN OF PATIENTS TREATED AT THE DISPENSERIES.

Month	Victoria Hospital		Anse Royale		Anse Boileau		Praslin		Total
	M.	F.	M.	F.	M.	F.	M.	F.	
January	85	214	38	64					401
February	113	231	32	33					409
March	146	301	24	30					501
April	104	274	14	14					406
May	85	237	15	6					343
June	86	211	12	12					321
July	54	180	9	8					251
August	67	229	5	8					309
September	83	257	7	11					358
October	88	262	5	8					363
November	59	170	12	9					250
December	70	138	9	6					225
Total	1,040	2,704	182	209					4,135

No return available for Praslin and La Digue.

RESULT OF CASES TREATED AT THE VICTORIA HOSPITAL

Sexes.	Remaining in Hospital at the end of 1920.	Admitted during 1921	Total treated.	Cured.	Relieved.	Unrelieved.	Died	Remaining at the end of 1921.	Total
Males ...	24	402	426	358	5	11	24	28	426
Females ..	8	157	165	140	3	4	12	6	165
Total ...	32	559	591	498	8	15	36	34	591

Return of Diseases and Deaths in 1921 at the Victoria Hospital.

Diseases.		Remaining in Hospital at end of 1920.	Yearly Total.		Total Cases Treated.	Remaining in Hospital at end of 1921.	Remarks.
			Admissions	Deaths			
GENERAL DISEASES.							
Anæmia	...				7	7	
Beri-Beri	...				1	1	
Chicken-pox	...				1	1	
Debility	...				5	6	
Diabetes	...				1	1	
Influenza	...				10	14	
Leprosy	...				1	1	
Malaria	...				5	5	
Malingering	...				2	2	
Mercurial Stomatitis					1	1	
Rheumatism	...				26	26	
Senile decay	...				15	15	
Tuberculosis	...				3	5	
Tetanus	...				1	1	
Tonsillitis	...				1	1	
Whooping Cough	...				1	2	
DISEASES OF THE NERVOUS SYSTEM.							
Convulsions	...				2	2	
Epilepsy	...				2	2	
Dementia	...				1	1	
Hæmorrhage Cerebral					8	8	
Headache	...				5	5	
Hysteria	...				4	4	
Meningitis	...				1	3	
Myelitis Transverse	...				2	2	
DISEASES OF THE EYE.							
Conjunctivitis	...				1	1	
Enucleation of eye ball	...				1	1	
Injury to eye	...				1	1	
Keratitis	...				1	1	
DISEASES OF THE EAR.							
Otitis	...				3	3	1
DISEASES OF THE NOSE.							
Rhenitis	...				1	1	
Sinusitis	...				1	1	
DISEASES OF THE CIRCULATORY SYSTEM.							
Heart disease	...				10	12	2
Endocarditis	...				1	1	
Syncope	...				1	1	
Carried forward	...	12	127	22	139	8	

Return of Diseases and Deaths in 1921 at the Victoria Hospital.

Diseases.	Remaining in Hospital at end of 1920.	Yearly Total.		Total Cases Treated	Remaining in Hospital at end of 1921.	Remarks.
		Admissions.	Deaths.			
Brought forward ..	12	127	22	139	8	
DISEASES OF THE RESPIRATORY SYSTEM.						
Asthma ...	...	21	...	21	...	
Bronchitis ...	3	18	...	21	...	
Empyema ...	1	2	1	3	...	
Laryngitis ...	...	1	1	1	...	
Pleurisy ...	...	10	1	10	1	
Pneumonia ...	1	8	2	9	...	
Phthisis ...	...	2	1	2	...	
DISEASES OF THE DIGESTIVE SYSTEM.						
Appendicitis ...	...	1	...	1	...	
Ascites ...	...	4	1	4	...	
Abscess Liver ...	2	...	1	2	...	
Colic ...	...	3	...	3	...	
Colitis ...	...	1	...	1	1	
Constipation ...	...	9	...	9	...	
Diarrhoea ...	...	2	...	2	...	
Dyspepsia ...	...	10	...	10	...	
Dysentery ...	1	11	...	12	...	
Enteritis ...	1	5	2	6	...	
Gastritis ...	...	2	...	2	...	
Gastro Enteritis ...	...	2	1	2	...	
Hepatitis ...	1	12	...	12	2	
Hepatic Abscess ...	...	1	...	1	1	
Hernia ...	...	8	...	8	1	
„ Strangulated	...	2	...	2	...	
Hæmorrhoids ...	...	3	...	3	...	
Hæmatemesis ...	...	3	...	3	...	
Intestinal Obstruction ...	...	1	...	1	...	
Tumour abdominal ...	1	2	...	3	...	
Prolapsus Ani ...	...	1	...	1	...	
DISEASES OF THE URINARY SYSTEM.						
Bright's Disease ...	...	1	...	1	1	
Cystitis ...	...	5	...	5	...	
Hæmaturia ...	...	1	...	1	...	
Retention of Urine ...	...	11	...	11	1	
GENERATIVE MALE ORGANS.						
Chancre ...	...	4	...	4	...	
Gonorrhœa ...	1	5	...	6	...	
Gonorrhœal Rheumatism ...	...	7	...	7	1	
Hydrocele ...	1	4	...	5	1	
Orchitis ...	...	2	...	2	...	
Phimosis ...	...	1	...	1	...	
Prostate enlarged ...	...	1	...	1	...	
Stricture ...	...	3	...	3	...	
Syphilis ...	1	17	...	18	2	
Carried forward ..	26	334	34	359	20	

Return of Diseases and Deaths in 1921 at the Victoria Hospital.

Diseases.	Remaining in Hospital at end of 1920.	Yearly Total.	Total Cases Treated.	Remaining in Hospital at end of 1921.	Remarks.
		Admissions	Deaths		
Brought forward	26	334	34	359	20
GENERATIVE MALE ORGANS.—(Continued).					
Urinary fistula	...	1	...	1	...
Urethritis	...	2	...	2	...
Varicocele	...	2	...	2	...
Warts venereal	...	1	...	1	...
GENERATIVE FEMALE ORGANS.					
Abortion	...	2	...	2	...
Fibroid	...	3	...	3	...
Menorrhagia	...	1	...	1	...
Salpingitis	...	3	...	3	...
Vaginitis	...	1	...	1	...
Carcinoma cervix	...	1	...	1	...
CONNECTIVE TISSUE.					
Abscess	...	49	...	50	1
Carcinoma breast	...	2	...	2	...
" neck	...	1	...	1	...
" jaw	...	3	...	3	...
Cyst Sebaceous	...	1	...	1	...
Cellulitis	...	1	...	1	...
Erysipelas	...	1	...	1	...
Epithelioma	...	1	...	1	...
Furuncle	...	1	...	1	...
Gangrene of arm	...	2	...	2	1
Gangrene of leg	...	1	1	1	...
Lumbago	...	1	...	1	...
Osteitis	...	1	...	1	1
Sarcoma	...	1	1	1	...
Septic arm	...	1	7	8	...
" foot	...	1	27	28	...
" wound	...	1	...	1	1
Synovitis	...	1	...	1	...
Ulcers	...	28	...	28	7
LYMPHATIC SYSTEM.					
Adenitis	...	1	...	1	...
Bubo	...	4	...	4	...
Gland enlarged	...	3	...	3	...
DISEASE OF THE SKIN					
Eczema	...	3	...	3	...
INJURIES					
Burn	...	6	...	6	...
Bruise	...	19	...	19	...
Dislocated ankle	...	1	...	1	...
" leg	...	1	...	1	...
Carried forward	31	518	36	549	31

Return of Diseases and Deaths in 1921 at the Victoria Hospital.

Diseases.

Remarks.

Brought forward ... 31

Yearly Total.

Total Cases Treated.
Remaining in Hospital
at end of 1921.

INJURIES.—(Continued).

Dislocated clavicle ...
Injury to spine ...
Wounds various minor ...

Admissions
Deaths

31

FRACTURES.

Fract. jaw ...
,, clavicle ...
,, humerus ...
,, radius ...
,, „ comp. ...
,, spine ...
,, femur ...
,, tibia ...

1
1
2
4
1
1
1
2

PARASITE.

Intestinal ...
Jiggers ...

1
1
2
4
1
1
1
2

Total ... 32

559
36
591
34

ANNUAL REPORT

OF THE

ASSISTANT MEDICAL OFFICER, SOUTH MAHE
FOR THE YEAR 1921.

SECOND ANNUAL REPORT.—I have the honour to forward my second Annual Report on South Mahé District, First and Second Divisions.

CENSUS 1921.—Population 4,604.

Prevalent Diseases in 1921.

WHOOPING COUGH.—The Epidemic of whooping cough was quite general amongst the children of the District. It ended only in April. 10 deaths occurred amongst children under 5 years of age: 7 from Whooping Cough; 3 from Complications, *i.e.*, Broncho-Pneumonia.

INFLUENZA.—Five deaths were registered as due to Influenza during the Epidemic prevailing during the first 3 months of the year. Most of the people suffered from it. The disease was rather benign in its form.

ANKYLOSTOMIASIS.—There has been a recrudescence of this disease during the last six months.

A general reinfection for 1922 is to be apprehended.

VACCINATION.—A.	Children successfully vaccinated	1st time	150
B.	" "	2nd time	11
		Total ...	141

Vaccination had to be discontinued during nearly six months.

The lymph received during this period was absolutely inert.

VITAL STATISTICS.—A comparative table for the last two years shows:—

	Births	Deaths	Marriages	Still-Births.
1920	166	60	20	12
1921	142	67	21	11

R. BRAULT, M.D.,
Assistant Medical Officer.

PART II.

NUMBER OF PATIENTS TREATED AT THE ANSE ROYALE DISPENSARY DURING THE YEAR 1921.

Months.	Old.		New.		Total.
	Males	Females	Males	Females	
January	26	36	12	28	102
February	21	16	11	17	65
March	14	13	10	17	54
April	9	7	5	7	28
May	9	1	6	5	21
June	9	5	3	7	24
July	5	3	4	5	17
August	3	6	2	2	13
September	5	8	2	3	18
October	3	6	2	2	13
November	7	5	5	4	21
December	7	4	2	2	15
Total treated during the year				... 391	

TABLE OF DISEASES, CAUSING DEATH IN SOUTH MAHÉ, DISTRICT
1st AND 2nd DIVISIONS DURING 1921.

CAUSES OF DEATHS.											Remarks
	Under 1 year	Under 5 years	Under 20 years	Under 30 years	Under 40 years	Under 50 years	Under 60 years	Under 80 years	Under 90 years	Over 90 years	
Accidental Injury (Shock)	...	...	1	...	...	...	1	1	...	...	2
Acute Indigestion	...	...	...	...	1	...	...	...	...	...	1
Acute Arthritis	...	...	...	...	...	1	...	...	...	...	1
Ankylostomiasis	...	2	1	...	...	...	...	...	...	...	3
Apoplexia	...	...	...	...	2	...	...	...	...	...	2
Asystolia	...	...	...	...	...	...	1	1	...	...	1
Bright's Disease	...	...	...	...	...	1	...	...	...	...	1
Broncho-Pneumonia	1	2	1	...	...	1	1	1	...	...	4
Carcinoma of the Stomach	...	...	...	...	...	...	1	1	...	...	2
Cerebral Haemorrhage	...	...	...	...	1	...	1	1	...	...	3
Diarrhoea	...	...	...	...	...	1	...	...	...	...	1
Drowning (Accidental)	...	...	...	1	...	...	1	...	...	...	1
Dysentery	...	1	...	...	...	1	...	...	...	...	2
Endocarditis	...	...	...	...	...	...	1	...	...	...	1
Fracture of Skull	...	...	...	...	...	...	1	1	...	...	1
Gastro Enteritis	...	2	...	...	...	...	...	...	...	...	2
General Paralysis of the Insane	...	...	...	...	1	...	...	...	...	...	1
Goiter	...	...	...	...	...	...	1	1	...	...	1
Hereditary Syphilis	1	...	...	...	...	1	...	...	...	...	2
Hemiplegia	...	...	...	...	...	...	1	...	...	...	1
Heart Failure	...	...	...	1	...	...	...	...	...	...	1
Influenza	2	...	...	...	...	1	2	...	...	...	5
Lobar-Pneumonia	1	...	...	...	...	...	...	...	...	...	1
Marasmus	2	...	...	...	...	...	...	...	...	...	2
Meningitis	...	...	...	...	...	1	...	...	...	...	1
Natural causes	1	...	...	...	...	...	...	...	...	...	1
Pneumonia	...	...	...	...	...	1	...	1	...	...	2
Polyneuritis	...	...	...	...	...	...	...	1	...	...	1
Pulmonary Tuberculosis	...	...	...	...	1	...	...	1	...	...	2
Senile Decay	...	...	...	...	...	...	2	3	...	1	6
Septicæmia	...	...	...	...	...	1	...	...	...	...	1
Syphilitic Cirrhosis of the Liver	...	...	...	...	...	1	...	...	...	...	1
Syphilis	...	...	...	...	1	...	...	...	...	...	1
Tertiary Syphilis	...	...	...	...	...	1	1	...	...	...	2
Whooping cough	5	2	...	...	...	...	...	...	...	...	7
TOTAL	13	9	3	...	3	6	12	15	5	1	67

**ANNUAL REPORT
OF THE
MEDICAL SUPERINTENDENT LUNATIC ASYLUM.
FOR THE YEAR 1921.**

SECOND ANNUAL REPORT.—I have honour to forward my second Annual Report on the Anse Royale Lunatic Asylum.

HEALTH OF INMATES IN 1921. DISEASES.—The Asylum remained free from the Epidemic of Influenza prevailing in the district at the beginning of the year.

DEATHS.—Three deaths occurred during the year: one male and two females. One male and one female had been admitted during the year; one female at the end of December 1920.

Causes of death are thus given: General Paralysis of the Insane, Cerebral-Hæmorrhage, Tertiary Syphilis.

FOOD SUPPLY TO THE INMATES.—The food supplied by the contractor was of good quality throughout the year. An additional supply of vegetables coming from the Lunatic Asylum garden has been given to the inmates. It consisted of all the different varieties of vegetables generally cultivated in this country. The old garden adjacent to the wall of the asylum was abandoned for a new one much larger in size and more adapted to the exigencies of the cultivation.

The uncultivated yard of the A. M. O.'s quarters was turned into a flourishing garden. All the work was done by the lunatics under the direction of the Head Attendant.

May I add that the Asylum cannot be too grateful to him for the interest and good will shown throughout the year in the performance of this strenuous work.

The immediate results are for all a more adapted diet and for the inmates working a marked improvement of their mental and physical condition.

FORM OF MENTAL DISEASE.—A change has been made in Appendix B. regarding "Form of Mental Disease".

A new division of Mental Disease more in accordance with the recent researches on this subject has been substituted to the old one dating of some 15 years ago.

ADMISSION, DISCHARGES, DEATHS.—Appendix A. gives the number of admissions, first and second admissions, of discharges and deaths for the year 1921.

R. BRAULT, M. D.
Medical Supt. Lunatic Asylum.

APPENDIX A.

**STATISTICAL TABLES SHOWING THE ADMISSIONS, RE-ADMISSIONS,
DISCHARGES AND DEATHS DURING THE YEAR ENDING
31st DECEMBER, 1921.**

	Males	Females	Total	Males	Females	Total
In Asylum 1st January, including those out on trial ...	10	10	20	...	...	...
<i>Cases admitted during 1921.</i>						
First admission ...	4	5	9	...	...	...
Not first admission ...	1	...	1	...	...	...
Total cases under care during the year ...	15	15	30	15	15	30
<i>Cases discharged during 1921.</i>						
Recovered ...	1	2	3	...	...	...
Relieved ...	...	...	...	...	...	...
Not improved ...	...	2	2	...	...	...
Died ...	1	2	3	...	...	...
Total cases discharged and died during the year ...	2	6	8	2	6	8
<i>Remaining in Asylum.</i>						
31st December 1921, including those out on trial ...	...	...	...	13	9	22

APPENDIX B.

TABLE SHOWING CONDITION AS TO MARRIAGE, MENTAL DISEASE AND OCCUPATION OF PATIENTS FOR THE YEAR 1921.

A.—As to Marriage.			Males.	Females	Total.	B.—As to Occupation.			Males.	Females	Total.
Married	...	...	2	7	9	Clerk	...	...	1	...	1
Single	...	...	11	4	15	Planter	...	...	2	...	2
Widow	...	...	...	3	3	Labourer	...	...	12	1	13
Widower	...	...	2	...	2	Washerwoman	...	...	3	3	3
Unknown	...	...	...	1	1	Without profession	...	...	10	10	10
	Total	...	15	15	30	Unknown	...	...	1	1	1

C.—Form of Mental Diseases.

I. NEUROSES.

	Males.	Females	Total.
Neurasthenia
Anxiety neurosis

II. PSYCHONEUROSES.

	Males.	Females	Total.
Hysteria	...	1	1
Absessional neurosis

III. PSYCHOSES.

	Males.	Females	Total.
Maniacal	...	...	...
Depressive	...	...	...
Insanity	...	...	...
Melancholia	Simple	1	1
	Agitated	...	...
	Delusional	1	1
Mania	Simple	1	1
	Acute	1	2
	Chronic	7	10
Paranoia	...	2	2
Dementia praecoxæ	...	1	1
Paraphrenia	...	...	...

IV. TOXIC INSANITIES.

	Males.	Females	Total.
Acute confusional insanity	...	...	...
Alcoholic	2	1	3
Endocrinial	...	...	...
Epileptic	...	...	...

V. ORGANIC INSANITIES.

	Males.	Females	Total.
(1) General paralysis	...	3	8
(2) Mental diseases in connection with Cerebral Lesions	...	...	...
(3) Chronic cortical atrophy (Senile De- mentia)	1	1	2

VI. IDIOCY AND IMBECILLITY.

	Males.	Females	Total.
	2	...	2

VII. COMBINED INSANITY.

	Males.	Females	Total.
	...	1	1

VIII. FEIGNED

	Males.	Females	Total.

Total ... 15 15 30

APPENDIX C.

TABLE SHOWING THE ADMISSIONS, DISCHARGES, DEATHS FOR EACH YEAR FROM THE OPENING OF THE ASYLUM 13th MARCH 1906.

Years	Admitted.			Discharged.									Died.			Remaining in Asylum including those out on trial 31st Dec. each year			Remarks
				Recovered.			Relieved.			Not improved.									
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1906	2	2	4	...	...	...	...	...	...	...	...	...	1	..	1	1	2	3	
1907	3	3	6	...	...	...	...	...	...	...	...	...	...	...	...	4	5	9	
1908	7	1	8	2	...	2	1	...	1	...	...	...	3	1	4	5	5	10	
1909	12	2	14	4	...	4	...	...	...	...	...	...	...	...	...	13	7	20	
1910	3	3	6	2	1	3	...	...	...	...	...	...	1	...	1	13	9	22	
1911	4	3	7	2	1	3	...	...	...	...	...	...	4	...	4	11	11	22	
1912	5	2	7	3	1	4	1	...	1	1	...	1	2	2	4	9	10	19	
1913	2	5	7	2	1	3	...	...	...	...	...	...	1	...	1	8	14	22	
1914	5	3	8	...	1	1	...	1	1	...	...	...	1	2	3	12	13	25	
1915	3	6	9	1	...	1	...	...	...	...	...	...	2	3	5	12	16	28	
1916	4	2	6	1	1	2	...	...	...	...	...	...	1	7	8	14	10	24	
1917	1	2	3	...	...	...	...	...	...	1	1	2	2	2	4	12	9	21	
1918	2	9	11	2	...	2	...	...	...	...	...	...	3	4	7	9	14	23	
1919	6	...	6	2	1	3	...	...	...	...	...	...	...	3	3	13	10	23	
1920	4	3	7	5	...	5	...	...	...	...	1	1	2	2	4	10	10	20	
1921	5	5	10	1	2	3	...	...	...	2	2	1	2	2	3	13	9	22	

